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Patent and Trademark Office**

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Washington, D.C. 20231

MAY 21 1993

#24

Douglas P. Mueller
Wegner, Cantor, Mueller & Player
P.O. Box 18218
Washington, D.C. 20036-8218

Re: Patent Term Extension
Application for
U.S. Patent No. 4,455,297

Dear Mr. Mueller:

A certificate under 35 USC § 156 is enclosed extending the term of U.S. Patent No. 4,455,297 for a period of 1,642 days.

C. E. Van Horn

Charles E. Van Horn
Patent Policy & Projects Administrator
Office of the Assistant Commissioner for Patents

cc: Ronald L. Wilson, Director
Health Assessment Policy Staff
Office of Health Affairs (HFY-20)
Food and Drug Administration
5600 Fishers Lane, Room 11-44
Rockville, MD 20857

RE: Acel-Imune

FDA Docket No.: 92E - 0115

UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE EXTENDING PATENT TERM
UNDER 35 U.S.C. § 156**

PATENT NO.: 4,455,297
DATED: June 19, 1984
INVENTORS: Yukio Syukuda et al.
PATENT OWNER: Takeda Chemical Industries, Ltd.

This is to certify that there has been presented to the

COMMISSIONER OF PATENTS AND TRADEMARKS

an application under 35 U.S.C. § 156 for an extension of the patent term. Since it appears that the requirements of the law have been met, this certificate extends the term of the patent for the period of

1,642 DAYS

with all rights pertaining thereto as provided by 35 U.S.C. § 156(b).



I have caused the seal of the Patent and Trademark Office to be affixed this 20th day of May 1993.

A handwritten signature in black ink, reading "Michael K. Kirk".

Michael K. Kirk
Acting Commissioner of Patents and Trademarks